

10/607,538

CAPLUS
BIOSIS

4/24/06

=> file caplus biosis

=> s (rommens, c?)/au

L1 110 (ROMMENS, C?)/AU

=> s (marker?(5a) (free? or delet? or excis? or without))/ab,bi

L2 6101 (MARKER?(5A) (FREE? OR DELET? OR EXCIS? OR WITHOUT))/AB,BI

=> s ((t(w)dna?) (5a) (free? or delet? or excis? or without))/ab,bi

L3 220 ((T(W) DNA?) (5A) (FREE? OR DELET? OR EXCIS? OR WITHOUT))/AB,BI

=> s l2 or l3

L4 6290 L2 OR L3

=> s l1 and l4

L5 6 L1 AND L4

=> dup rem 15

PROCESSING COMPLETED FOR L5

L6 3 DUP REM L5 (3 DUPLICATES REMOVED)

=> d 16 1-3

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

AN 2004:707057 CAPLUS

DN 141:361156

TI All-native DNA transformation: a new approach to plant genetic engineering

AU Rommens, Caius M.

CS Simplot Plant Sciences, J.R. Simplot Company, Boise, ID, 83706, USA

SO Trends in Plant Science (2004), 9(9), 457-464

CODEN: TPSCF9; ISSN: 1360-1385

Sept

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L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2

AN 2004:429500 CAPLUS

DN 141:100743

TI Crop improvement through modification of the plant's own genome

AU Rommens, Caius M.; Humara, Jaime M.; Ye, Jingsong; Yan, Hua;

Richael, Craig; Zhang, Lynda; Perry, Rachel; Swords, Kathleen

CS Simplot Plant Sciences, J.R. Simplot Company, Boise, ID, 83706, USA

SO Plant Physiology (2004), 135(1), 421-431

CODEN: PLPHAY; ISSN: 0032-0889

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3

AN 1989:626550 CAPLUS

DN 111:226550

TI A comparative study of Tam3 and Ac transposition in transgenic tobacco and petunia plants

AU Haring, Michel A.; Gao, Jie; Volbeda, Tjeerd; Rommens, Caius M. T.; Nijkamp, H. John J.; Hille, Jacques

CS Dep. Genet., Free Univ., Amsterdam, 1081 HV, Neth.

SO Plant Molecular Biology (1989), 13(2), 189-201

CODEN: PMBIDB; ISSN: 0167-4412

=> d 16 3 ab

=> s (ye, j?)/au

L7 3764 (YE, J?)/AU

=> s (menendez, j?)/au

L8 578 (MENENDEZ, J?)/AU

=> s (humara, j?)/au

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L9 36 (HUMARA, J?) /AU

=> s (swords, k?) /AU

L10 28 (SWORDS, K?) /AU

=> s (yan, h?) /AU

L11 3925 (YAN, H?) /AU

=> s l7 or l8 or l9 or l10 or l11

L12 8307 L7 OR L8 OR L9 OR L10 OR L11

=> s l12 and 14

L13 6 L12 AND L4

=> dup rem l13

PROCESSING COMPLETED FOR L13

L14 4 DUP REM L13 (2 DUPLICATES REMOVED)

=> s l14 not 16

L15 3 L14 NOT L6

=> d l15 1-3

L15 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:661896 CAPLUS

DN 140:197084

TI Significance of F/T PSA ratio in diagnosis of prostate disease

AU Yan, Huan; Hu, Zhidong; Wang, Xianfa; Zhong, Shuyou

CS Department of Microbiology + Immunology, Tianjin Medical University, Tianjin, 300052, Peop. Rep. China

SO Tianjin Yiyao (2002), 30(12), 728-729

CODEN: TIYADG; ISSN: 0253-9896

L15 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:228051 CAPLUS

DN 135:314373

TI Novel constructions to enable the integration of genes into the Agrobacterium tumefaciens C58 chromosome

AU Lee, Lan-Ying; Humara, Jaime M.; Gelvin, Stanton B.

CS Department of Biological Sciences, Purdue University, West Lafayette, IN, 47907-1392, USA

SO Molecular Plant-Microbe Interactions (2001), 14(4), 577-579

CODEN: MPMIEL; ISSN: 0894-0282

L15 ANSWER 3 OF 3 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN

AN 2006:183662 BIOSIS

DN PREV200600185774

TI Anti-angiogenic effects of mTOR-inhibitors is regulated by AKT activity in multiple myeloma cells.

AU Frost, Patrick [Reprint Author]; Hoang, Bao; Shi, Yijiang; Yan, Huajun; Lichtenstein, Alan

CS W Los Angeles VA Med Ctr, Dept Hematol Oncol, Los Angeles, CA USA

SO Blood, (NOV 16 2005) Vol. 106, No. 11, Part 1, pp. 951A.

Meeting Info.: 47th Annual Meeting of the American-Society-of-Hematology. Atlanta, GA, USA. December 10 -13, 2005. Amer Soc Hematol.

CODEN: BLOOAW. ISSN: 0006-4971.

=> d l15 1 3 ab

=> d l15 2 ab

=> s l2 and l3

L16 31 L2 AND L3

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=> dup rem 116
PROCESSING COMPLETED FOR L16
L17      22 DUP REM L16 (9 DUPLICATES REMOVED)

=> s 117 not 16
L18      21 L17 NOT L6

=> s 118 not 115
L19      21 L18 NOT L15

=> d 119 1-21

L19 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:841865 CAPLUS
DN 143:223628
TI Method for cultivating selectable marker-free
transgenic rice with double T-DNA vector
IN Zhu, Zhen; Li, Xugang
PA Institute of Genetics, Chinese Academy of Sciences, Peop. Rep. China
SO Faming Zhanli Shengqing Gongkai Shuomingshu, 22 pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1
  PATENT NO.      KIND      DATE      APPLICATION NO.      DATE
  -----  -----  -----  -----
PI  CN 1445370      A  20031001  CN 2002-107429  20020315
PRAI CN 2002-107429      20020315

L19 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:367633 CAPLUS
DN 143:319863
TI Excision of a selectable marker in transgenic rice
(Oryza sativa L.) using a chemically regulated Cre/loxP system
AU Sreekala, C.; Wu, L.; Gu, K.; Wang, D.; Tian, D.; Yin, Z.
CS Laboratory of Molecular Plant Pathology, Temasek Life Sciences Laboratory,
National University of Singapore, Singapore, 117604, Singapore
SO Plant Cell Reports (2005), 24(2), 86-94
CODEN: PCRPD8; ISSN: 0721-7714

L19 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2005:93278 CAPLUS
DN 142:457657
TI Green fluorescent protein as a vital elimination marker to
easily screen marker-free transgenic progeny derived
from plants co-transformed with a double T-DNA binary vector system
AU Chen, Songbiao; Li, Xugang; Liu, Xiang; Xu, Hongling; Meng, Kun; Xiao,
Guifang; Wei, Xiaoli; Wang, Feng; Zhu, Zhen
CS Institute of Genetics and Developmental Biology, Chinese Academy of
Sciences, Beijing, 100101, Peop. Rep. China
SO Plant Cell Reports (2005), 23(9), 625-631
CODEN: PCRPD8; ISSN: 0721-7714

L19 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:1153846 CAPLUS
DN 143:1868
TI Generating marker-free transgenic tobacco plants by
Agrobacterium-mediated transformation with double T-DNA binary vector
AU Zhou, Hongyan; Chen, Songbiao; Li, Xugang; Xiao, Guifang; Wei, Xiaoli;
Zhu, Zhen
CS Institute of Genetics and Developmental Biology, The Chinese Academy of
Sciences, Beijing, 100101, Peop. Rep. China
SO Acta Botanica Sinica (2003), 45(9), 1103-1108
CODEN: ABSCG9; ISSN: 1672-6650

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L19 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:892639 CAPLUS
 DN 142:255432
 TI Generation of **marker-free** transgenic maize by regular
 two-border Agrobacterium vectors
 AU Huang, Shihshieh; Gilbertson, Larry; Adams, Tom; Malloy, Kathleen;
 Reisenbigler, Emily; Birr, Darren; Snyder, Mark; Zhang, Qiang; Luethy,
 Michael
 CS Mystic Research, Monsanto Company, Mystic, CT, 06355, USA
 SO Transgenic Research (2004), 13(5), 451-461
 CODEN: TRSEES; ISSN: 0962-8819

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 (October)
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L19 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:562409 CAPLUS
 DN 141:308241
 TI A Novel Two T-DNA Binary Vector Allows Efficient Generation of
Marker-free Transgenic Plants in Three Elite Cultivars
 of Rice (*Oryza sativa* L.)
 AU Breitler, Jean-Christophe; Meynard, Donald; Van Boxtel, Jos; Royer,
 Monique; Bonnot, Francois; Cambillau, Laurence; Guiderdoni, Emmanuel
 CS Biotrop and Crop Protection Programmes, Cirad-Amis, UMR PIA1096, TA40/03,
 Montpellier, F-34398, Fr.
 SO Transgenic Research (2004), 13(3), 271-287
 CODEN: TRSEES; ISSN: 0962-8819

L19 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2004:276697 CAPLUS
 DN 141:122373
 TI Production of γ -linolenic acid and stearidonic acid in seeds of
marker-free transgenic soybean
 AU Sato, Shirley; Xing, Aiqiu; Ye, Xingguo; Schweiger, Bruce; Kinney,
 Anthony; Graef, George; Clemente, Tom
 CS Center for Biotechnology, Univ. of Nebraska, Lincoln, NE, 68588, USA
 SO Crop Science (2004), 44(2), 646-652
 CODEN: CRPSAY; ISSN: 0011-183X

L19 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2003:521292 CAPLUS
 DN 140:36639
 TI Transgene behaviour in populations of rice plants transformed using a new
 dual binary vector system: pGreen/pSoup
 AU Vain, P.; Afolabi, A. S.; Worland, B.; Snape, J. W.
 CS John Innes Centre, Norwich, NR4 7UH, UK
 SO Theoretical and Applied Genetics (2003), 107(2), 210-217
 CODEN: THAGA6; ISSN: 0040-5752

L19 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2002:964526 CAPLUS
 DN 138:34142
 TI Transposon-mediated removal of ancillary sequences from transforming DNA
 in transformation of monocotyledonous plants
 IN Perez, Pascual; Gerentes, Denise; Praud, Sebastien
 PA Rhobio, Fr.
 SO PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002101061	A2	20021219	WO 2002-FR1656	20020516
	WO 2002101061	A3	20031204		
	WO 2002101061	C1	20050428		
	FR 2825579	A1	20021213	FR 2001-7597	20010611

FR 2825579	B1	20040723		
CA 2449661	AA	20021219	CA 2002-2449661	20020516
EP 1395667	A2	20040310	EP 2002-738252	20020516
US 2004199938	A1	20041007	US 2003-733080	20031211
PRAI FR 2001-7597	A	20010611		
WO 2002-FR1656	W	20020516		

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✓ printed

L19 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:740327 CAPLUS

DN 138:164314

TI Generation of selection **marker-free** transgenic plants by cotransformation of a cointegrate vector T-DNA and a binary vector T-DNA in one Agrobacterium tumefaciens strain

AU Jacob, Subha S.; Veluthambi, K.

CS School of Biotechnology, Department of Plant Biotechnology, Madurai Kamaraj University, Madurai, 625021, India

SO Plant Science (Shannon, Ireland) (2002), 163(4), 801-806 October

CODEN: PLSCE4; ISSN: 0168-9452

L19 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:722267 CAPLUS

DN 138:181535

TI Transposon-mediated generation of T-DNA- and **marker-free** rice plants expressing a Bt endotoxin gene

AU Cotsaftis, Olivier; Sallaud, Christophe; Breitler, Jean Christophe; Meynard, Donaldo; Greco, Rafaella; Pereira, Andy; Guiderdoni, Emmanuel

CS Biotrop Programme, TA40/03, Cirad-Amis, Montpellier, F-34398, Fr.

SO Molecular Breeding (2002), 10(3), 165-180

CODEN: MOBRFL; ISSN: 1380-3743

L19 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:157997 CAPLUS

DN 136:211873

TI Self-excising polynucleotides containing the φC31 recombinase gene for use in dicot and monocot plants

IN Mankin, Luke

PA Basf Plant Science G.m.b.H., Germany; McKersie, Bryan

SO PCT Int. Appl., 60 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002016609	A2	20020228	WO 2001-US26738	20010827
WO 2002016609	A3	20030103		
CA 2420316	AA	20020228	CA 2001-2420316	20010827
AU 2001088439	A5	20020304	AU 2001-88439	20010827
US 2003033635	A1	20030213	US 2001-940550	20010827
EP 1311695	A2	20030521	EP 2001-968171	20010827
PRAI US 2000-227961P	P	20000825		
WO 2001-US26738	W	20010827		

L19 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:154981 CAPLUS

DN 135:367410

TI The use of the two T-DNA binary system to derive **marker-free** transgenic soybeans

AU Xing, Aiqiu; Zhang, Zhangyuan; Sato, Shirley; Staswick, Paul; Clemente, Tom

CS Center for Biotechnology, University of Nebraska-Lincoln, USA

SO In Vitro Cellular & Developmental Biology: Plant (2000), 36(6), 456-463

CODEN: IVCPEO; ISSN: 1054-5476

L19 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2000:450156 CAPLUS
 DN 134:203371
 TI Germinal excision and reinsertion frequencies of the mobile element Ds transposed from two unlinked T-DNA loci in tomato
 AU Briza, J.; Pavingerova, D.; Niedermeierova, H.; Rakousky, S.
 CS Institute of Plant Molecular Biology, Academy of Sciences of the Czech Republic, Branisovska, CZ-370 05, Czech Rep.
 SO Biologia Plantarum (2000), 43(2), 185-192
 CODEN: BPABAJ; ISSN: 0006-3134

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OR-DEP

L19 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1999:488322 CAPLUS
 DN 131:224072
 TI Selectable marker-free transgenic plants without sexual crossing: transient expression of cre recombinase and use of a conditional lethal dominant gene
 AU Gleave, Andrew P.; Mitra, Deepali S.; Mudge, Stephen R.; Morris, Bret A. M.
 CS Plant Development Group, HortResearch, Auckland, N. Z.
 SO Plant Molecular Biology (1999), 40(2), 223-235
 CODEN: PMBIDB; ISSN: 0167-4412

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L19 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1999:410028 CAPLUS
 DN 131:194885
 TI Lessons in gene transfer to plants by a gifted microbe
 AU Hansen, G.; Chilton, M. D.
 CS Novartis Agribusiness Biotechnology Research, Inc., Research Triangle Park, NC, 27709, USA
 SO Current Topics in Microbiology and Immunology (1999), 240(Plant Biotechnology), 21-57
 CODEN: CTMIA3; ISSN: 0070-217X

L19 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1997:710696 CAPLUS
 DN 128:30948
 TI A transgenic mutant of *Lactuca sativa* (lettuce) with a T-DNA tightly linked to loss of downy mildew resistance
 AU Okubara, Patricia A.; Arroyo-Garcia, Rosa; Shen, Katherine A.; Mazier, Marianne; Meyers, Blake C.; Ochoa, Oswaldo E.; Kim, Shinje; Yang, Chang-Hsien; Michelmore, Richard W.
 CS Department of Vegetable Crops, University of California, Davis, 95616, USA
 SO Molecular Plant-Microbe Interactions (1997), 10(8), 970-977
 CODEN: MPMIEL; ISSN: 0894-0282

L19 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1996:502547 CAPLUS
 DN 125:159696
 TI Vectors carrying two separate T-DNAs for co-transformation of higher plants mediated by *Agrobacterium tumefaciens* and segregation of transformants free from selection markers
 AU Komari, Toshihiko; Hiei, Yukoh; Saito, Yasuhito; Murai, Nobuhiko; Kumashiro, Takashi
 CS Plant Breeding and Genetics Research Laboratory, Japan Tobacco Inc., Iwata, 438, Japan
 SO Plant Journal (1996), 10(1), 165-174
 CODEN: PLJUED; ISSN: 0960-7412

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L19 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1996:122008 CAPLUS
 DN 124:252681
 TI Germinal transpositions of the maize element Dissociation from T-DNA loci in tomato
 AU Carroll, Bernard J.; Klimyuk, Victor I.; Thomas, Colwyn M.; Bishop, Gerard J.; Harrison, Kate; Scofield, Steven R.; Jones, Jonathan D. G.

CS Sainsbury Laboratory, John Innes Centre, Norwich, NR4 7UH, UK
SO Genetics (1995), 139(1), 407-20
CODEN: GENTAE; ISSN: 0016-6731

L19 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1984:623932 CAPLUS
DN 101:223932
TI Mini-Ti plasmid and a chimeric gene construct: new approaches to plant
gene vector construction
AU De Framond, Annick J.; Bevan, Michael W.; Barton, Kenneth A.; Flavell,
Richard; Chilton, Mary-Dell
CS Dep. Biol., Washington Univ., St. Louis, MO, 63130, USA
SO Miami Winter Symposia (1983), 20(Adv. Gene Technol.: Mol. Genet. Plants
Anim.), 159-70
CODEN: MIWSAE; ISSN: 0097-0808

L19 ANSWER 21 OF 21 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
AN 1999:362751 BIOSIS
DN PREV199900362751
TI The use of the 2 T-DNA binary system to obtain
marker free transgenic soybeans.
AU Xing, Aiqiu [Reprint author]; Sato, Shirley [Reprint author]; Staswick,
Paul; Clemente, Tom [Reprint author]
CS Center for Biotechnology, University of Nebraska, Lincoln, NE, 68588-0665,
USA
SO In Vitro Cellular and Developmental Biology Animal, (March, 1999) Vol. 35,
No. 3 PART 2, pp. 39.A. print.
Meeting Info.: Congress on In Vitro Biology. New Orleans, Louisiana, USA.
June 5-9, 1999.
ISSN: 1071-2690.

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